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PHOTO INTELLIGENCE MEMORANDUM

POL STORAGE

SOUTHEAST CHINA AIRFIELDS

GP/I-116

(Project 71.191)

27 July 1955

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PHOTO INTELLIGENCE MEMORANDUM

POL STORAGE

Southeast China Airfields

This memorandum has been prepared in response to an internal request for information on POL facilities at the five airfields currently under construction along the east coast of China facing Formosa. A study of vertical aerial photography taken [REDACTED] reveal POL storage facilities at four of the five airfields. POL storage facilities were not located on aerial photography of Cheng-hai airfield located near Swatow.

25X1D

The POL storage facilities identified at Nan-tai, Lung-tien, Ching-yang, and Lung-chi are apparently of similar construction and appearance. A first class road extends from the airfield to a "loop" road located 1800 to 7000 feet from the airfield. The loop provides an average of 5000 feet of roadway and it is along both sides of this loop road that a number of installations have been dispersed which are probably used for POL storage. A study of vertical aerial photography indicates that these installations are of the following construction:

Apparently, ten to fourteen small tanks have been laid down in rows in shallow, rectangular excavations or on a slightly raised rectangular base. The size of the tanks are similar to those reported in the Swatow area by a

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Hong Kong source in [REDACTED] These tanks were reported 25X1D
as cylindrical tanks about 10 feet in length and six feet in diameter. The
tanks are then covered by earth or a low rectangular structure. Small
buildings located along the road are probably used for facilities needed
in handling the incoming drums of fuel and other operations carried on in
the fuel storage area.

The POL installations at Nan-tai and Lung-tien are probably completed.
Construction work is still in progress at Ching-yang and Lung-chi. Limited
stereo coverage and poor quality of photography at Ching-yang did not permit
proper evaluation. There is a probability that the number of storage
installations at Ching-yang and Lung-chi will increase.

As of the date of the latest available photo coverage there were 19
storage installations at Nan-tai, 24 probably storage bunkers or installations
at Ching-yang, 25 storage installations at Lung-tien, and 11 storage
installations at Lung-chi. If each installation contains an average of
12 tanks 6'x10' then the capacity of the POL storage areas at each air-
field is as follows:

Nan-tai approximately 1025 metric tons

Lung-tien approximately 1350 metric tons

Ching-yang approximately 1300 metric tons

Lung-chi approximately 600 metric tons

NAN-TAI

The POL storage area is located 3500' north of the airfield
(enclosure No. 1). Nineteen storage installations are dispersed along
the one mile of loop road. Excavations for these installations were
first noticed on [REDACTED] photography. On subsequent photography dated

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25X1D [REDACTED] rectangular structures averaging [REDACTED] covered the excavations, 25X1D
ten to fourteen. Unidentified circular objects about [REDACTED] 5' in 25X1D
diameter could be seen along the forward edge of the structures. Five
buildings ranging in size from 10'x50' to 30'x135' located in the area are
of recent construction.

LUNG-TIEN There are two probable POL storage installations located approximately
1800' north of the Lung-tien airfield. (See enclosure No. 2). Photo
25X1D coverage dated [REDACTED] revealed eleven rectangular excavations approximately
15'x60' under construction in each area. 164 light colored objects were
dispersed along the road 800' west of the east storage area. The probability
that these are storage tanks for the POL storage areas is strongly suggested.

25X1D Subsequent photo coverage obtained on [REDACTED] revealed a number of 25X1D
dark objects in excavations in the east storage area and a reduced number
of light colored objects dispersed along the road. Coverage obtained up to
[REDACTED] showed that all excavations have apparently been filled with an
average of ten probable tanks and covered with earth leaving a rectangular
mound sometimes irregular in shape. A row of approximately ten small
circular mounds are visible on each installation. The small circular objects
dispersed along the nearby roads have disappeared.

CHING-YANG The POL storage area is located approximately 7000 feet west of
the airfield. There appear to be 24 storage installations in various
stages of construction along the loop road. The installations first
appeared as a shallow excavation 10' to 15' in width and 60' to 80' in
length. Later coverage revealed up to thirteen small objects approximately

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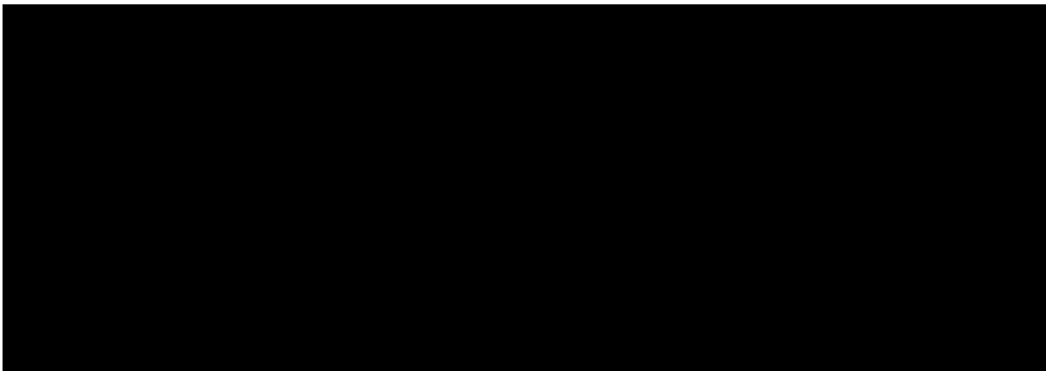
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5'x10' in diameter placed side by side in a number of the excavations. The small objects appear black, suggesting a coating of dark substance possibly for rust prevention. From photography dated [REDACTED] it appeared that a number of the excavations with the probable tanks had been covered possibly with earth or a structure similar to the Nan-tai installations previously discussed in this report.

25X1D

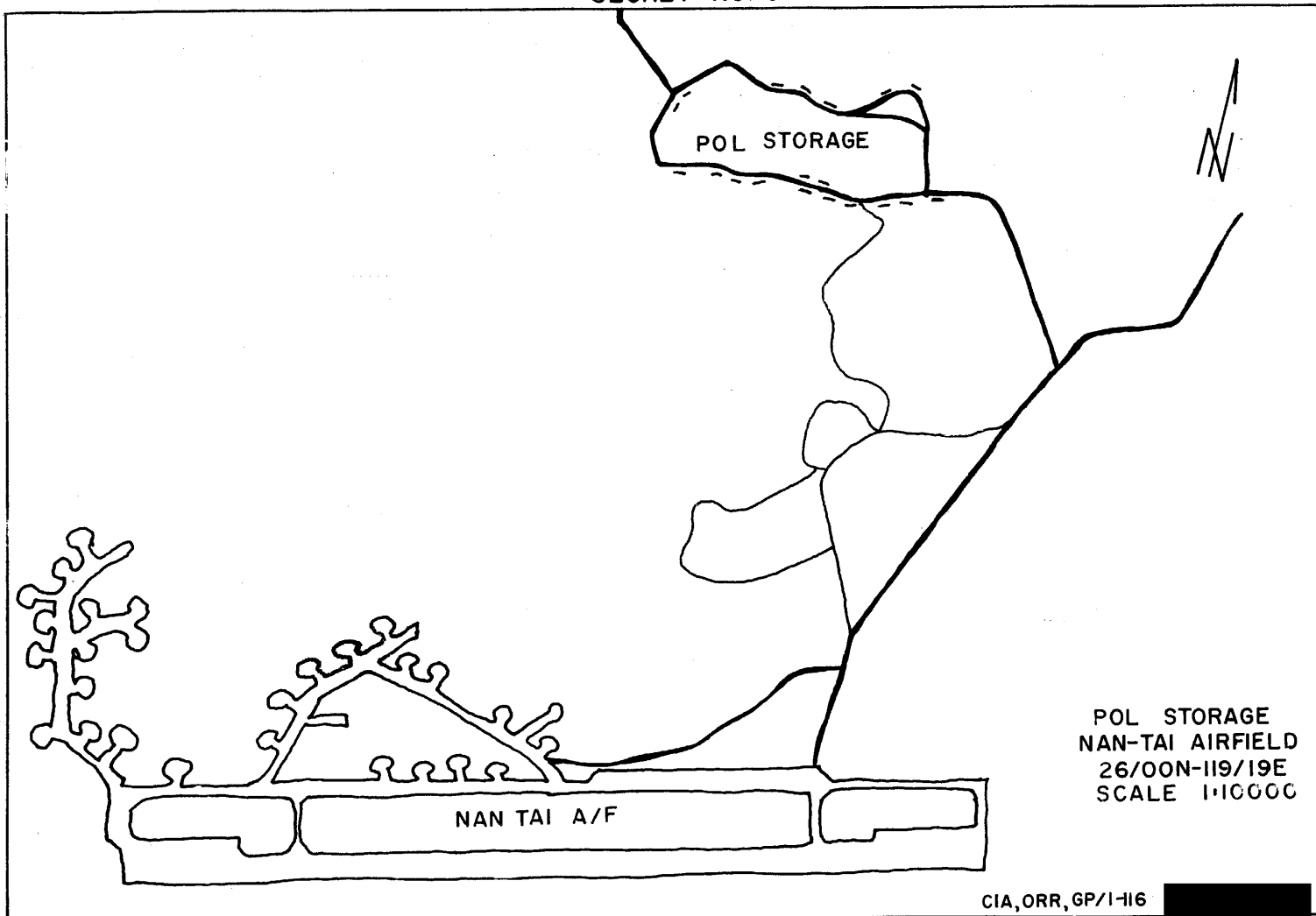
LUNG-CHI The probable POL storage installation at Lung-chi is located 2500' north of the runway. Construction was first noticed on photo coverage obtained [REDACTED] Coverage obtained up to [REDACTED] revealed eleven excavations dispersed along the loop road. Objects approximately 5'x10' have been placed in rows in a number of the excavations. None of the excavations have been covered but it is assumed that it will be done and the appearance of the installations will be similar to those at the other airfields.

25X1D



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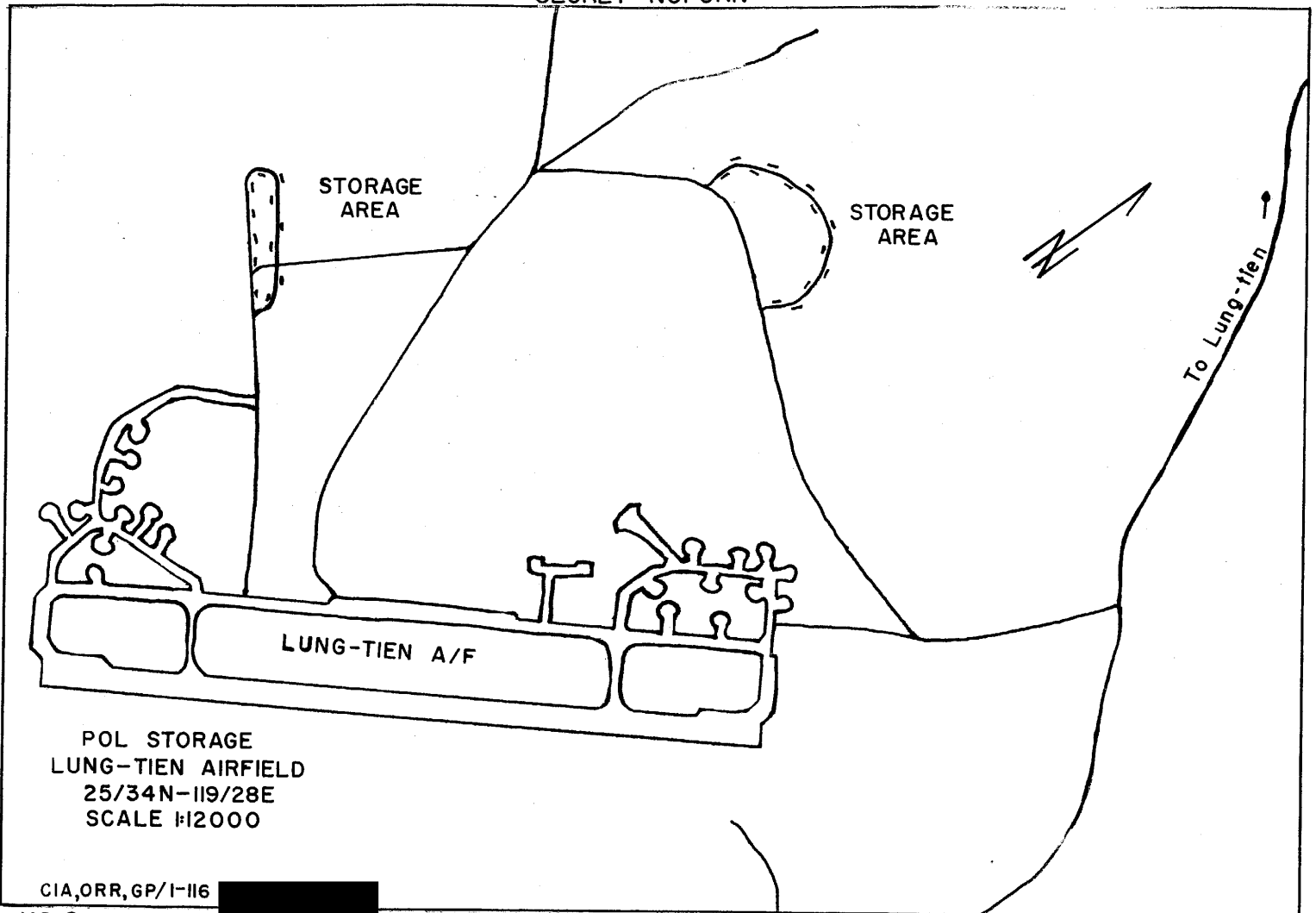


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25X1D

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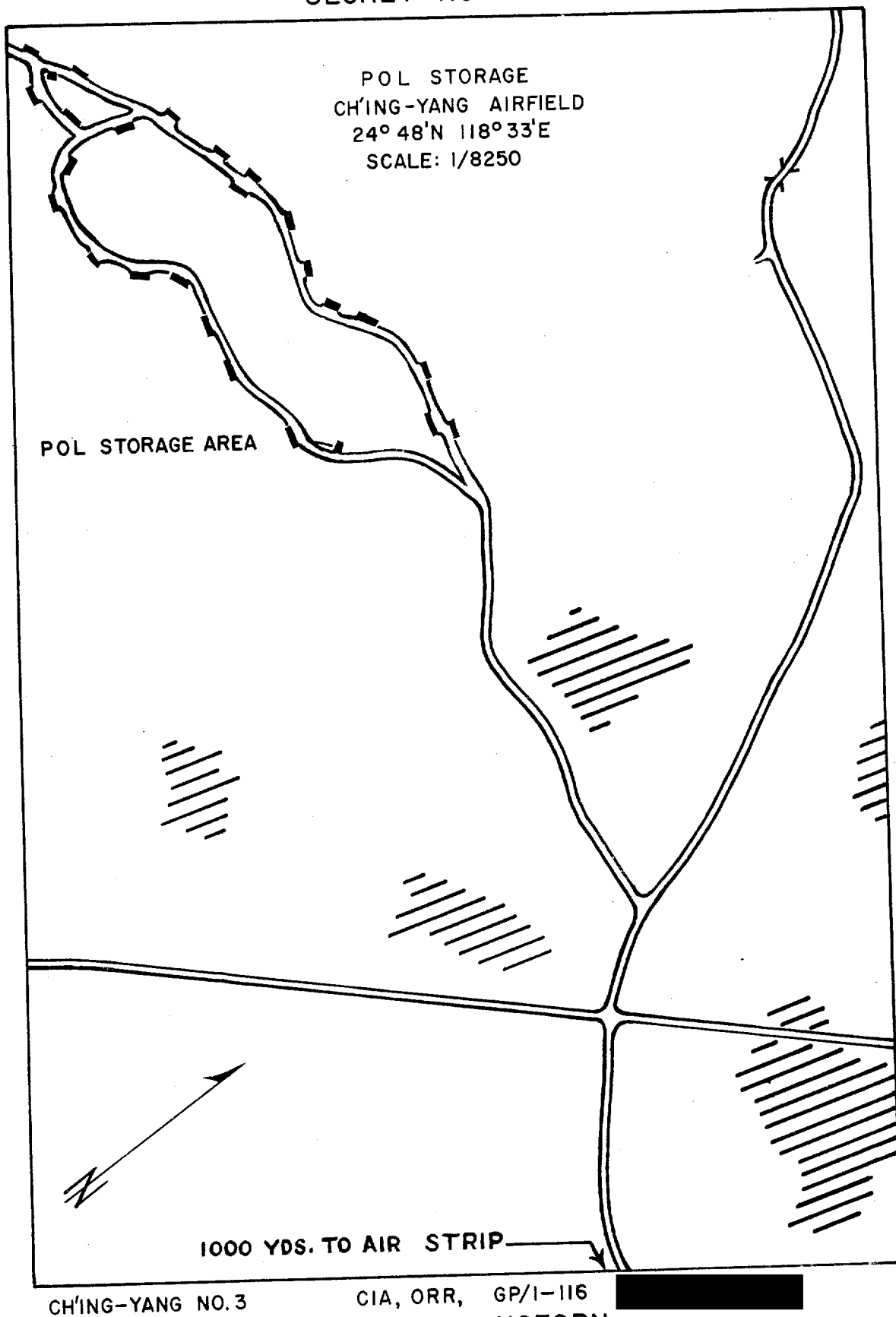


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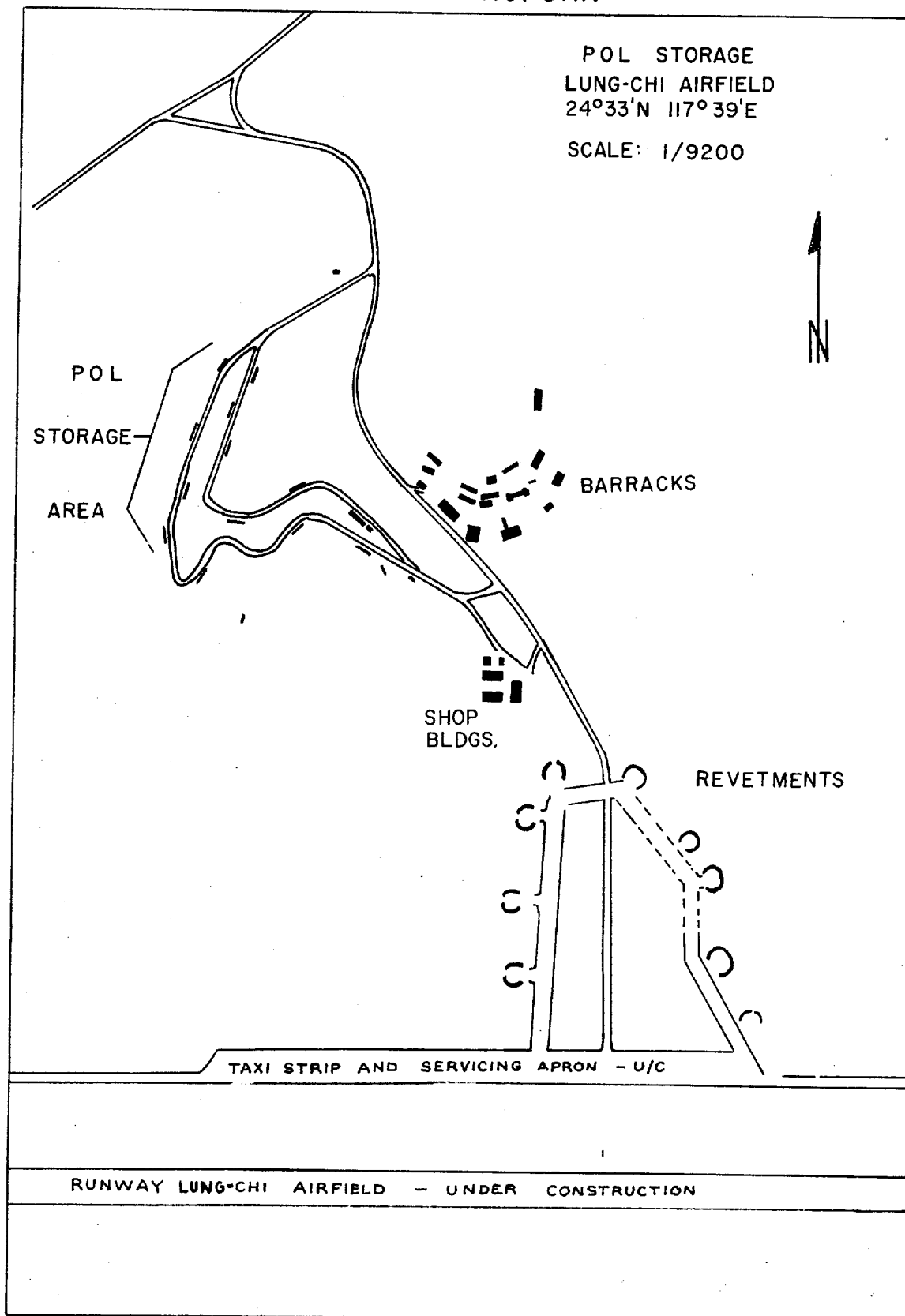
NO. 2

25X1D

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LUNG-CHI NO.4

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25X1D